Form PTO-1449

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Docket Number (Optional)	Application Number
CUV-058.01(19768-5801)	09/499,526
Applicant	
Pang et al.	
Filing Date	**Group Art Unit**
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RMD	AA	4,683,195	07/28/87	Mullis et al.	435	6	02/07/86
	AB	4,683,202	07/28/87	Mullis	435	91	10/25/85
	AC	4,892,538	01/09/90	Aebischer et al.	604	891.1	11/17/87
	AD	5,459,039	10/17/95	Modrich et al.	435	6	03/18/94
	AE	5,498,531	03/12/96	Jarrell	435	91.31	09/10/93
RMD	AF	5,574,010	11/12/96	McFadden	514	12	11/14/94

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
RMD	AG	WO 89/01967	03/09/89	PCT				X
	AH	WO 90/02580	03/22/90	PCT				X
	AI	WO 90/15637	12/27/90	PCT				X
	AJ	WO 91/10425	07/25/91	PCT				X
	AK	WO 91/10470	07/25/91	PCT				X
RMD	AL	WO 94/16101	07/21/94	PCT				X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

RMD	AM	Aponte et al.; "Meal-Induced Peptide Tyrosine Tyrosine Inhibition of Pancreatic Secretion in the Rat ", The FASEB Journal, 3: 1949-1955 (June 1989)
	AN	Ahrén , B. and Larsson, H. "Peptide YY Does not Inhibit Glucose-Stimulated Insulin Secretion in Humans", European Journal of Endocrinology 134: 362-365, (1996)
	AO	Barany Francis; " Genetic Disease Dtection and DNA Amplification Using Cloned Thermostable Ligase", Proc. Natl. Acad. Sci. USA, 88: 189-193, (January 1991)
	AP	Berge et al.; " Pharmaceutical Salts" , Journal of Pharmaceutical Sciences, 66(1): 1-19 (January 1977)
	AQ	Birdsall and Hulme; " Muscarinic Receptor Subclasses ", TIPS, PP. 459-463, (1983) November
	AR	Braesch et al.; " Immune Response of Diabetic Patients Against Transplanted Porcine Fetal Islet Cells ", Transplantation Proceedings 24(2): 679-680, (April 1992)
RMD	AS	Cook and Hales; " Intracellular ATP Directly Blocks K^+ Channels in Pancreatic B-Cells", Nature, 311: 271-273, (September 20, 1984)

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		Coruzzi et al.; " Gastric Antisecretory Activity of Telenzepine, a New M_1- Selective Muscarinic Antagonist: Comparison with Pirenzepine ", Arch. Int. Pharmacodyn. 302: 232-241 (1989)
	AU	Cotton, R.G. H.; " Current Methods of Mutation Detection", Mutation Research, 285: 125-144, (1993)
	AV	Cotton et al.; " Reactivity of Cytosine and Thymine in Single- Base -pair Mismatches with Hydroxylamine and Osmium Tetroxide and its Application to the Study of Mutations", Proc. Natl. Acad. Sci. USA 85: 4397-4401 (June 1988)
	AW	Cox and Cuthbert; " The Effects of Neuropeptide Y and its Fragments upon Basal and Electrically Stimulated Ion Secretion in Rat Jejunum Mucosa, " , Br. J. Pharmacol. 101: 247-252 (1990)
	AX	Dea et al.; " Molecular Heterogeneity of Human Motilinlike Immunoreactivity Explained by the Processing of Prepromotilin ", Gastroenterology 96: 695-703, (1989)
	AY	Ferber et al.; " GLUT-2 Gene Transfer into Insulinoma Cells Confers Both Low and High Affinity Glucose-Stimulated Insulin Release ", The Journal of Biological Chemistry, 269(15): 11523-11529 (1994)
	AZ	Gehlert R. D. ; " Multiple Receptors for the Pancreatic Polypeptide (PP-Fold) Family: Physiological Implications (44263)", P.S.E.B.M. , 218: 7-22 (1998)
	BA	Gibbs et al.; " Detection of Single DNA base Differences by Competitive Oligonucleotide Priming", Nucleic Acids Research , 17(7): 2437-2448, (1989)
	BB	Groth et al.; " Evidence of Xenograft Function in a Diabetic Patient Grafted with Porcine Fetal Pancreas", Transplantation Proceedings, 24(3): 972-973, (June 1992)
	BC	Gold et al.; " Effect of Age on Proinsulin and Insulin Secretory Patterns in Isolated Rat Islets ", Diabetes, 30: 77- 82, (January 1981)
	BD	Greeley et al.; " Peptide YY Antagonizes β-adrenergic-stimulated release of Insulin in Dogs ", Am. J. Physiol. 254: E513-E517 (1988)
	BE	Holiday and Cox; " The Functional Investigation of a Human Adenocarcimona Cell Line, Stably Transfected with the Neuropeptide YY $_1$ Receptor", British Journal of Pharmacology 119: 321-329, (1996)
	BF	Hsu et al.; " Detection of DNA Point Mutations With DNA Mismatch Repair Enzymes ", Carcinogenesis 15(8): 1657- 1662 (1994)
	BG	Hughes et al.; " Engineering of Glucose-Stimulated Insulin Secretion and Biosynthesis in Non-Islet Cells", Proc. Natl. Acad. Sci. USA, 89: 688-692 (January 1992)
	BH	Jackerott et al.; " PYY in Developing Murine Islet Cells: Comparisons to Development of Islet Hormones, NPY, and BrdU Incorporation ", The Journal of Histochemistry and Cytochemistry, 44 (8): 809-817 (1996)
	BI	Jackerott and Larsson; " Immunocytochemical Localization of the NPY/ PYY Y1 Receptor in the Developing Pancreas", Endocrinology 138(11): 5013- 5018 (1997)
RMD	BJ	Johnson et al.; "Underexpression of β Cell High K_m Glucose Transporters in Noninsulin-Dependent Diabetes ", Science, 250: 546-549 (October 26, 1990)

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		Jones; "Protein Kinases, Protein Phosphorylation, and the Regulation of Insulin Secretion from Pancreatic β-Cells." Endocrine Reviews 19(4): 429-461 (Aug. 1998)
	BL	Korsgren et al.; " Large -Scale Production of Fetal Porcine Pancreatic Isletlike Cell Clusters", Transplantation, 45: 509-514 (March 1998)
	BM	Krasinski et al.; " Isolation, Characterization, and Development Expression of the Rat Peptide-YY Gene", Mol. Endo. 5(3): 433- 440, (1991)
	BN	Lacy et al.; " Maintenance of Normoglycemia in Diabetic Mice by Subcutaneous Xenografts of Encapsulated Islets", Science 254: 1782-1784 (December 20, 1991)
	BO	Landegren et al.; " A Ligase-Mediated Gene Detection Technique", Science, 241: 1077-1080 (August 26, 1988)
	BP	Liu et al.; " Persistent Reversal of Diabetes by Transplantation of Fetal Pig Proislets Into Nude Mice", Diabetes 40: 858-866, (July 1991)
	BQ	Lluis et al.; " Peptide YY Inhibits Pancreatic Secretion by Inhibiting Cholecystokinin Release in the Dog", Gastroenterology, 94: 137-144, (1988)
	BR	Lundberg et al.; " Localization of Peptide YY (PYY) in Gastrointestinal Endocrine Cells and Effects on Intestinal Blood Flow and Motility ", Proc. Natl. Acad. Sci. USA 79: 4471-4475, (July 1982)
	BS	Maxam and Gilbert; " A New Method for Sequencing DNA ", Proc. Natl. Acad. Sci. USA, 74(2): 560-564 (Feb. 1977)
	BT	Mulder et al.; " Expression of Non-Classical Islet Hormone-Like Peptides During the Embryonic Development of the Pancreas", Microscopy Research and Technique, 43: 313-321, (1998)
	BU	Myers et al.; " Detection of Single Base Substitutions by Ribonuclease Cleavage at Mismatches in RNA: DNA Duplexes", Science, 230: 1242-1246, (December 13, 1985)
	BV	Myers et al.; " Detection of Single Base Substitutions in Total Genomic DNA", Nature, 313: 495-498, (February 7, 1985)
	BW	Naeve et al.; " Accuracy of Automated DNA Sequencing: A Multi-Laboratory Comparison of Sequencing Resullts", Biotechniques, 19(3): 448-453 (1995).
	BX	Nakagawa et al.; " UV and Skin Cancer : Specificp53 Gene Mutation in Normal Skin as a Biologically Relevant Exposure Measurement", Proc. Natl. Acad. Sci. USA, 91: 360-364, (January 1994)
	BY	Nieuwenhuizen et al.; " Mechanism Underlying the Insulinostatic Effect of Peptide YY in Mouse Pancreatic Islets", Diabetologia 37: 871-878 (1994)
	BZ	Odagiri et al.; " Function of the Human Insulin Promoter in Primary Cultured Islet Cells", The Journal of Biological Chemistry 271(4): 1909-1915(January 26, 1996)
RMD	CA	Otonkoski et al.; " Maturation of Insulin Response to Glucose During Human Fetal and Neonatal development", Diabetes 37: 286-291 (March 1998)

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	CB	Orita et al.; " Detection of Polymorphisms of Human DNA by Gel Electrophoresis as Single-Strand Conformation Polymorphisms", Proc. Natl. Acad. Sci. USA, 86: 2766- 2770, (April 1989)
	CC	Pappas et al.; " Peptide YY inhibits Meal-Stimulated Pancreatic and Gastric Secretion ", Am. J. Physiol. 248: G118- G123 (1985)
	CD	Rhodes and Halban; " Newly Synthesized Proinsulin/ Insulin and Stored Insulin Are Released from Pancreatic B Cells Predominantly Via a Regulated, Rather than a Constitutive, Pathway", Journal of Cell Biology, 105: 145-153, (July 1987)
	CE	Robbins, S. L. et al.; " The Endocrine Pancreas", Pathologic Basis of Disease, 3rd Edition VB. Sounders Company, Philadelphia, pp. 972-990 (1984)
	CF	Saiki et al.; " Analysis of Enzymatically Amplified β-Globin and HLA-DQα DNA WITH Allele-Specific Oligonucleotide Probes", Nature 324: 163-166, (November 13, 1986)
	CG	Saiki et al.; " Genetic Analysis of Amplified DNA with Immobilized Sequence-Specific Oligonucleotide Probes", Proc. Natl. Acad. Sci. USA 86: 6230-6234, (August 1989)
	CH	Saleeba et al.; " Chemical Cleavage of Mismatch to Detect Mutations", Methods in Enzymology 217: 286-295, (1993)
	CI	Sander et al.; " A Novel Glucose-Responsive Element in the Human Insulin Gene Functions Uniquely in Primary Cultured Islets ", Proc. Natl. Acad. Sci. USA, 95: 11572-11577 (September 1998)
	CJ	Sanger et al.; " DNA Sequencing with Chain-terminating Inhibitors", Proc. Natl. Acad. Sci. USA, 74(12): 5463-5467, (December 1977)
	CK	Scheen;, J. A.; " Drug Treatment of Non-Insulin-Dependent Diabetes Mellitus in the 1990s", Drugs, 54 (3): 355-368, (September 1997)
	CL	Schuit C. F. ; " Factor Determining the Glucose Sensitivity and Glucose Responsiveness of Pancreatic Beta Cells", Horm. Res. 46: 99- 106, (1996)
	CM	Simeonovic and Lafferty; " The Isolation and Transplantation of Foetal Mouse Proislets", Aust. J. Exp. Biol. Med. Sci. 60(part 4): 383-390 (1982)
	CN	Sullivan et al.; " Biohybrid Artificial Pancreas: Long-Term Implantation Stidies in Diabetic, Pancreatectomized Dogs", Science, 252: 718-721 (May 3, 1991)
	CO	Suzuki et al.; " Inhibition of Interdigestive Contractile Activity in the Stomach by Peptide YY in Heidenhain Pouch Dogs", Gastroenterology, 85: 114-121, (1983)
	CP	Tatemoto K. ; " Isolation and Characterization of Peptide YY (PYY), a Candidate Gut Hormone that Inhibits Pancreatic Exocrine Secretion ", Proc. Natl. Acad. Sci. USA, 79: 2514- 2518 (April 1982)
	CQ	Thorens et al.; " Reduced Expression of the Liver/ beta-cell Glucose Transporter Isoform in Glucose-Insensitive Pancreatic beta Cells of Diabetic Rats", Proc. Natl. Acad. Sci. USA, 87: 6492-6496, (September 1990).
RMD	CR	Tuch, et al.; " Release of Proinsulin from the Human Fetal β Cell", Journal of Endocrinology 132: 159-167, (1992)

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	CS	Upchurch et al.; " Expression of Peptide YY in all Four Islet Cell Types in the Developing Mouse Pancreas Suggests a Common Peptide YY-producing Progenitor", Development 120: 245-252 (1994)
	CT	Valera et al.; Expression of GLUT-2 Antisense RNA in β Cells of Transgenic Mice Leads to Diabetes", The Journal of Biological Chemistry, 269(46): 28543-28546, (November 18, 1994)
	CU	Wahoff et al.; " Intraperitoneal Transplantation of Microencapsulated Canine Islet Allografts With Short-Term, Low-Dose Cyclosporine for Treatment of Pancreatectomy-Induced Diabetes in Dogs", Transplantation Proceedings 26(2): p. 804, (April 1994)
RMD	CV	Wilson et al.; " Role of $CD4^+$ T-Lymphocytes in Rejection by Mice of Fetal Pig Proislet Xenografts", Diabetes, 38(Suppl. 1): 217-219 (January 1989)
RMD	CW	~~International Search Report completed on September 28, 2000 and mailed on October 13, 2000~~

EXAMINER	DATE CONSIDERED
Regina M. Walberg	8/18/01

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